

7. SUMMARY

"STUDY OF TWO DENSITIES TWO THREE AND FOUR PILLARS OF GROWTH IN THREE OF HYBRID MELON (Cucumis Melo L.) IN MICRO-RIVER BASIN SANTIAGUILLO PROVINCE OF CARCHI"

In this research: "STUDY OF TWO DENSITIES TWO THREE AND FOUR PILLARS OF GROWTH IN THREE OF HYBRID MELON (Cucumis Melo L.) IN MICRO-RIVER BASIN SANTIAGUILLO PROVINCE OF CARCHI" aimed to study two densities seed with two, three and four axes of growth in three hybrids of melon (Cucumis melo L).

The research was conducted in the province of Carchi, canton Mira, Juan Montalvo in the Commonwealth of Santiaguillo. The duration of the field phase was 4 months and the data of the study variables were calculated using a design of randomized blocks with eighteen treatments with three replications in a factorial arrangement AxBxC, where A corresponded to the hybrid B corresponded to the axis of growth and C corresponded to the densities.

From the results it is concluded that the densities, the use of axes and hybrids influenced the production and productivity of melon. The best performance was obtained with the Hybrid Edisto, with four areas of growth and density of 2 x 1.25m (T15) treatment produced \$ 0.46 kilograms of fruit.

Despite the high cost of production per kilogram of fruit (\$ 1.61) and susceptibility to diseases with the hybrid toad skin is recommended for the production of high degrees brix or sweetness of the fruit.